

PR 系列电流互感器

PR Series current transformer

适用范围 Scope of application

PR 系列保护电流互感器可以在这样的条件下工作时，系统的电流比额定工作电流倍多，也可以在超过电流测量工作变压器。当电流互感器用于电力继电保护，它将保持其电在许多次工作电流的特点，这一比例是 5，10，20 甚至更高的。

PR Series Protective Current Transformer can work under such condition when system current is much times than rated working current, also can work under exceeding measuring current transformer. When current transformer is used to power protective relay, it will keep its electrical features on many times working current, this ratio will be 5, 10, 20 or even higher.

特点 Feature

- 额定一次电流从 100A 到 5000A
- 保护等级：5P10, 10P5, 10P10
- Installation with / without base
- With / without terminal cover
- Low cost
- Rated primary current from 5A to 30000A

标准 Standard

IEC60044-1 GB1208-2006

技术参数 Technical parameters

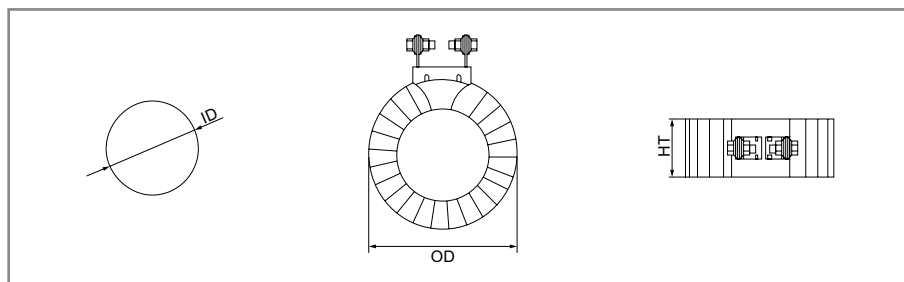
额定频率 Rated Frequency	50/60Hz
耐受电压 Rated Test Voltage	3kV AC.(1min)
额定热电流 Rated short-time thermal current (I _{th})	60I _n
动稳定电流 Rated dynamic current	2.5I _{th}
额定电压 Rated voltage (U _m)	0.72kV AC.
过载 Continuous overload (I _d)	1.2I _n
工作温度范围 Operating temperature	-10° C ~50° C
外壳阻燃等级 Housing self-extinguishing class	VO
准确限制系数 Safety factor	FS 5
二次电流 Secondary current	5A/1A





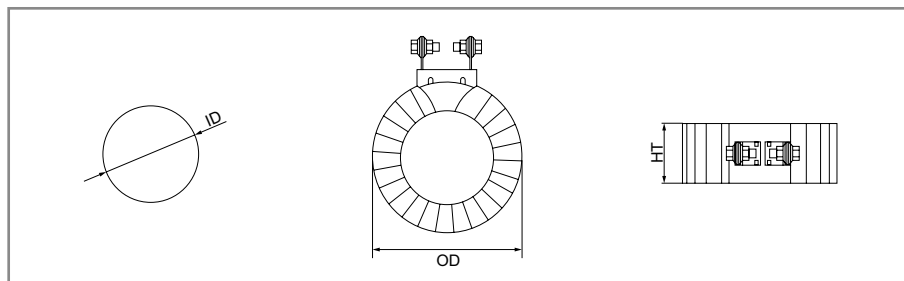
PR-5P10

型号 Model	电流比 A Current ratio	负荷 (VA) Burden	尺寸 Dimension(mm)		
			ID	OD	HT
PR-30 5P10	60/5	15	30	145	165
PR-34 5P10	100/5	15	34	100	180
	150/5	15	34	100	130
	200/5	15	34	100	110
PR-45 5P10	250/5	15	45	96	110
	300/5	15	45	96	110
PR-60 5P10	400/5	15	45	96	98
	500/5	15	60	100	100
PR-68 5P10	600/5	15	68	110	78
PR-85 5P10	800/5	15	85	120	78
PR-82 5P10	1000/5	15	82	123	70
	1200/5	15	82	123	70
	1600/5	15	82	123	60
PR-125 5P10	2000/5	15	125	178	38
	2500/5	15	125	178	35
PR-120 5P10	3000/5	15	120	178	35
PR-140 5P10	3500/5	15	140	200	35
	4000/5	15	140	200	35
	5000/5	15	140	200	35



PR-10P5

型号 Model	电流比 A Current ratio	负荷 (VA) Burden	尺寸 Dimension(mm)		
			ID	OD	HT
PR-34 10P5	60/5	15	30	145	165
	100/5	15	34	100	180
	150/5	15	34	100	130
	200/5	15	34	100	110
PR-45 10P5	250/5	15	45	96	110
	300/5	15	45	96	110
PR-60 10P5	400/5	15	45	96	98
	500/5	15	60	100	100
PR-65 10P5	600/5	15	68	110	78
PR-85 10P5	5000/5	15	140	200	35





PR-10P10

型号 Model	电流比 A Current ratio	负荷 (VA) Burden	尺寸 Dimension(mm)		
			ID	OD	HT
PR-30 10P10	60/5	15	30	145	165
PR-34 10P10	100/5	15	34	100	180
	150/5	15	34	100	130
	200/5	15	34	100	110
PR-45 10P10	250/5	15	45	96	110
	300/5	15	45	96	110
PR-60 10P10	400/5	15	45	96	98
	500/5	15	60	100	100
PR-68 10P10	600/5	15	68	110	78
PR-85 10P10	800/5	15	85	120	78
PR-82 10P10	1000/5	15	82	123	70
	1200/5	15	82	123	70
	1600/5	15	82	123	60
PR-125 10P10	2000/5	15	125	178	38
	2500/5	15	125	178	35
PR-120 10P10	3000/5	15	120	178	35
PR-140 10P10	3500/5	15	140	200	35
	4000/5	15	140	200	35
	5000/5	15	140	200	35

